Yorkshire Philosophical Society.

ANNUAL REPORT

FOR

MDCCCLII.

ANNUAL REPORT

OF THE COUNCIL

OF THE

YORKSHIRE

PHILOSOPHICAL SOCIETY

FOR

MDCCCLII.

PRESENTED TO THE ANNUAL MEETING,

FEBRUARY, 1853.

YORK:

H. SOTHERAN, BOOKSELLER, CONEYSTREET.

1853.

TRUSTEES

OF

THE YORKSHIRE MUSEUM,

APPOINTED BY ROYAL GRANT.

CHARLES WILLIAM, EARL FITZWILLIAM.

THOMAS PHILIP, EARL DE GREY.

HON. AND VERY REV. HENRY HOWARD, D.D.

SIR WILLIAM LAWSON, BART., F. S. A.

FRANCIS CHOLMELEY, ESQ., F. S. A.

ROBERT DENISON, ESQ.

REV. WILLIAM VERNON HARCOURT, F. R. S.

RICHARD JOHN THOMPSON, ESQ.

PATRONESSES

OF THE

Yorkshire Philosophical Society.

HER MAJESTY THE QUEEN.

H. R. H. THE DUCHESS OF KENT.

PATRONS.

THE ARCHBISHOP OF YORK.

DUKE OF NORTHUMBERLAND, F. R. S.

EARL OF CARLISLE, F. R. S.

EARL FITZWILLIAM, F. R. S.

LORD FEVERSHAM.

LORD WENLOCK.

OFFICERS OF THE SOCIETY, 1853.

PRESIDENT:

Earl Fitzwilliam, F. R. S.

VICE PRESIDENTS:

Lord Londesborough, F. R. S.
Hon. Payan Dawnay.
Rev. C. Wellbeloved.
Rev. Wm. H. Dixon, F. S. A.
Rev. J. Kenrick.
Wm. Rudston Read, F. L. S.
Thomas Meynell, Jun., F. L. S.
Henry Robinson.

TREASURER.

William Gray, F. G. S.

COUNCIL.

Elected 1851....J. P. Pritchett.
John Ford.
Joshua Oldfield.
Dr. Shann.
Elected 1852....Rev. W. V. Harcourt, F. R. S.
Rev. R. B. Cooke, F. G. S.
Robt. Davies.
Thomas Allis.
Elected 1853....Francis Cholmeley.
Wm. Frederick Rawdon.
Rev. Wm. Hey.
O. A. Moore.

SECRETARIES:

Thos. H. Travis.
John Phillips, F. R. S.

CURATORS:

Mineralogy	Professor Phillips, F. R. S.
Comparative Anatomy . .	Thomas Allis.
Foreign Ornithology. . .	Thomas Meynell, F. L. S.
British Ornithology . .	W. Rudston Read, F. L. S.
Insecta and Crustacea . .	Rev. Wm. Hey.
Antiquarian Department .	Rev. Charles Wellbeloved.
Library and Manuscripts .	Rev. J. Kenrick.
Observatory & Meteorology *under the care of a Committee consisting of*	The Rev. W. V. Harcourt, F. R. S. Professor Phillips, F. R. S. Wm. Gray, F. G. S. Wm. L. Newman, F. R. Ast. S. John Ford. Rev. Wm. Hey.

KEEPER OF THE MUSEUM:

Edward Charlesworth, F. G. S.

SUBCURATOR OF THE MUSEUM & GARDENS:

Henry Baines.

REPORT OF THE COUNCIL

OF THE

YORKSHIRE PHILOSOPHICAL SOCIETY,

FEB. 1ST, 1853.

THE Thirtieth Annual Report of the Yorkshire Philosophical Society, which it is now the duty of the Council to present, will record an undiminished flow of donations to the Museum, and a financial statement in which the income exceeds the expenditure.

During the year 1852, the donations to the Geological department of the Museum have been more than usually valuable. Of these, the most important is a very remarkable Plesiosaurus from Lofthouse, presented by the Earl of Zetland, an acquisition acceptable, not only because the Society previously possessed nothing but plaster casts to illustrate this very extraordinary extinct type of Saurians, but also because, the lias of the Yorkshire coast having become celebrated as a resting place for the remains of these reptiles, it was very desirable that one specimen at least should be seen in the Museum of the Yorkshire Philosophical Society.

Professor Phillips has already made this fine specimen (to which he has assigned the name of Plesiosaurus Zetlandicus) the subject of a communication to one of the Society's Monthly Meetings, in which he pointed out some remarkable characters in the conformation of the head, distinguishing it from all other known species of the genus, and contributing, therefore, to

increase the interest with which it will be regarded by Naturalists.*

Mr. Wood has enriched the Palæontology of Yorkshire by the discovery in the Mountain Limestone near Richmond, of a beautiful Encrinite, referable, perhaps, to the genus Cyathocrinus. It presents a very remarkable feature, which, it is believed, is quite unknown in the history of, at least, this particular group of Crinoidal Animals. The column or stem supporting the Richmond Encrinite gradually contracts in diameter towards the base, so that it would appear, from one or two almost entire columns in the possession of Mr. Wood, to have terminated nearly in a point. Three slabs, rich in remains of this new fossil, have recently been sent by Mr. Wood for presentation at the Annual Meeting.

Through the Rev. R. B. Cooke of Wheldrake, W. C. Maxwell, Esq. has presented two Slabs of new red-sandstone, with footmarks upon the surface, found near Carlaverock, Dumfrieshire. And the materials for studying these singular vestiges of ancient nature have been augmented by Professor Phillips's gift of a large mass covered with footprints of Labyrinthodon from the same series of strata in Cheshire.

Lieut. Anthony Cooke, R.E., has presented a large Ichthyolite from the Coal Measures at Gilmerton, referable to the genus Holoptychius, and displaying the natural outline of the mouth and parts of both jaws of this fish, the specimen in this respect being probably unique.

The Society is indebted to the late Dr. Mantell, for an interesting series of Bones of Iguanodon from the Wealden of the Isle of Wight, a contribution which derives additional interest from having been received so short a time before the death of the amiable and distinguished donor.

Some further contributions to the Tertiary Collection have been made by the British Natural-History Society; among

* Of four large specimens of Plesiosauri hitherto discovered in the lias of the Yorkshire coast, one (P. grandipennis of Owen) is at the Cambridge University Museum. Another (P. brachyspondylus of Owen) is at the Whitby Museum; a third is now at York; the fourth and most perfect of all, remains at Mulgrave Castle.

these is a very large and perfect specimen of the Great Wing Shell (Rostellaria ampla), 9 inches long by 6 broad, a much prized Hampshire Fossil.

Since the last Report the Council have authorized the purchase of some Foreign Shells, of which a Collection from Mazatlan, Central America, embracing more than 200 species, selected by Mr. Carpenter, of Warrington, formed a part. The American Shells were unaccompanied by names, but the Keeper of the Museum has been enabled to identify a considerable number of the species contained in this valuable acquisition.

A M.S. Catalogue which he has drawn out with the Genera placed in Alphabetical order, shews the whole of the Foreign Shells in the Society's possession hitherto identified with published species.

The only donation of importance in Foreign Conchology is from Mr. O. A. Moore, who has presented some South-American land Shells, including one very extraordinary Helix, sent to him from Brazil under the name of the Trumpet Snail.

To the British Collection of Shells, the rare Buccinum Humphreysianum has been presented by Mr. Meynell, and several other additions of minor importance have been made to this series.

The Ichthyological Collection has been enriched by a fine specimen of the Angel Fish (Squatina Angelus), 5 feet in length, sent anonymously from Scarborough.

Several interesting fishes, taken on the Coast, have been presented, through Mr. Meynell, by Mr. Rudd, of Redcar, and the whole of the less bulky specimens presented by Dr. Parnell and the late Mr. Hailstone have been neatly and carefully remounted by the Sub-Curator.

The British Ornithological Collection has been enriched by the purchase of a beautiful specimen of the Black Stork, shot near Market Weighton, being the first recorded specimen that has occurred in Yorkshire.

To the Foreign Ornithological Collection there have been no additions during the past year, but the Council have pleasure in again directing the attention of the Members to the state of this part of the Museum, both as to condition of specimens and

exactness of nomenclature—points essential to the credit of the Society,—on which Mr. Gould recently expressed to the Curator of the department a highly favorable opinion.

The Cabinet of British Insects has recently received a valuable augmentation from T. Meynell, Esq., Jun., who has presented to the Society his Collection of Libellulæ. This is the only contribution which has been received during the past year to this interesting department of Natural History.

To the series of Comparative Anatomy one addition only has been made, consisting of a beautiful skeleton of a mole, for which the Society is indebted to the Curator of that department.

The Library has received many additions of great value, amongst which may be mentioned particularly, a very extensive donation of books from Edward Hailstone, Esq., of Bradford, comprising 49 works relating to British and Foreign Botany. From Professor Phillips, a Copy of his own Report on the Ventilation of Mines, and an important series of the Transactions of Foreign Societies, and other works. From the Earl of Ellesmere, a Copy of his Guide to Northern Archæology. From Lord Londesborough, Halliwell's Yorkshire Anthology, and Tracts on Antiquarian subjects. From His Grace the Duke of Northumberland (by whose direction the work was undertaken and executed), Mc. Laughlan's Survey of Watling Street. From Mr. Roach Smith, the Proceedings of the Society of Antiquaries, and his Report of the Excavations at Lymne, and from Mr. Mayer, of Liverpool, a Copy of Sprott's Chronicle, with fac-simile.

The Council have also to announce the addition to the Library of the Transactions of several learned Societies.

Of the very few donations to the department of Antiquities during this year, the most interesting is a fragment of a carved grit-stone, found in the year 1811 with several other similar Roman remains, in a bed of warp nearly 3 feet below the foundations of the old bridge over the Ouse. When perfect it exhibited the figure of an eagle with a large ring about its neck, surrounded by a wreath of laurel. It was obtained by the late Benj. Brooksbank, Esq., and removed to his house at Healaugh, near Tadcaster, and by the kindness of his son,

Stamp Brooksbank, Esq., it has been presented to the Museum of the Yorkshire Philosophical Society.

The Descriptive Account of the Antiquities in the grounds of the Museum has been recently completed and published by the learned Curator (Mr. Wellbeloved), and has been welcomed not only by Members of the Society but by numerous visitors, in a manner indicating a due appreciation of its interesting and valuable details.

The Council cannot leave this subject without expressing their deep sense of the obligation the Society is under, for the labour and research bestowed upon this work; which so greatly enhances the interest and value of the Antiquarian objects in the Society's possession, and which, from the liberality of the Author in kindly placing the profit arising from the sale of the work at the disposal of the Council, promises, in a pecuniary point of view, to be a donation to the Society of much importance.

A further contribution to the Natural History and Antiquities of Yorkshire has proceeded from the pen of Professor Phillips, who has added to his well-known Geological works, an illustrated volume of descriptions, entitled "The Rivers, Mountains, and Sea Coast of Yorkshire." The objects contemplated by the author of this volume are exactly those which the Society labours to advance, and the Council report with pleasure that several communications having the same tendency, which have been read to the Monthly Meetings, are now under the consideration of a Committtee, for publication in the Transactions of the Society.

The Society has received a very valuable Collection of Plants from Messrs. Standish and Noble, during the past year, besides some minor donations from other parties.

The work of the Observatory has been continued, and some part of the plans sanctioned by the Council for increasing its utility has been performed. There is, however, as yet no registration of Wind, and some further steps are requisite to complete the desired daily information on the changes of temperature and moisture.

The following Meteorological Register for 1852, has been received from Mr. Ford, who has for many years past obliged the Society by preparing similar annual statements.

METEOROLOGICAL REGISTER, YORK, 1852.

Months.	Highest.	Lowest.	Mean.	Inches Rain.	Days Rain.	Average Maximum.	Average Minimum.	Mean Temp.	Highest.	Lowest.	Nights at °32	
Jan.	30·262	28·764	29·528	2·35	14	44·2	31·5	37·9	51	24	18	S. W.
Feb.	30·800	29.160	29·975	·74	7	44·6	31·9	38·3	53	22	17	N.
Mar.	30·828	29·258	30·138	·47	4	47·9	30·8	39·3	66	20	22	N. E.
April	30·498	29·548	30·081	·26	4	55·0	34·7	44·9	72	27	12	S. E.
May	30·314	29·354	29·851	·87	10	57·5	44·3	50·9	69	33	—	N. E.
June	30·014	29·214	29·668	3·46	20	62·7	50·1	56·4	69	40	—	S. E.
July	30·300	29·776	29·935	1·77	7	74.3	55·8	65·0	87½	49	—	W.
Aug.	30·402	29·126	29·670	2·52	16	67·7	53·4	60·5	77	47	—	S.
Sept.	30·548	29·120	29·717	4·30	14	60·9	46·8	53·8	71	34	—	N. E.
Oct.	30·450	28·810	29·780	3·80	15	51·2	40·7	45·9	57	32	1	S.
Nov.	30·206	28·858	29·495	4·21	24	48·8	38·5	43·6	62	25	6	S.
Dec.	30·274	28·588	29·480	2·43	21	48·2	38·5	43·3	54	32	1	S. W.
			29·776	27·18	156			48.3			77	

DIRECTION OF THE WIND.

N.	S.	E.	W.	N. E.	N. W.	S. E.	S. W.
25	83	17	35	70	18	65	52

The temperature of the year 1852 was nearly ·8 of degree above a mean of twenty years, being 48·3 against 47·5. Many of the months have differed widely from their mean temperature, making nevertheless but a small amount of excess for the whole year, as will be seen from the following statement.

Months of excess.		*Months of defect.*	
January	·2·4	March	·1·2
February	·0·4	April	·0·2
July	4·9	May	·1·5
August	1·5	June	1·7
November	2·0	September	0·4
December	4·4	October	1·4
Total excess	15·6	Total defect	6·4
	6·4		
	12) 9·2		
	·77 of a degree excess for the year.		

The mean of the barometer was 29·776, being ·119 below that of 1851. The days on which rain fell were 156 against 136 of 1851. The amount of rain is correspondingly large, being 27·18, an increase of 6·72 inches on last year, or 2·91 above a mean of twenty years. Of this quantity only 8·15 fell in the first six months, whilst in the last four there fell 14·74 inches. The rain of January was ·63 above a mean. The Holmfirth tragedy speedily followed this excess. The last three months have been distinguished by devastating inundations in various parts of the country.

The range of the mercurial column has been extensive in the year, from 30·828, March 6, to 28·588, Dec. 30, making a difference of 2·24 inches. This depression in December was accompanied by a violent storm from the N. W. and S. W., which deposited salt spray on the windows at York.

By the kindness of several correspondents and from other sources, we present the following record of the rain fallen in the several months of 1852, in a series of localities stretching from east to west across the country, and touching Lancashire in the S.W., and Kendal in the N.W. We have also contrasted the amount fallen in each place during the first six months of the year with that of the last six months.

	Scarborough.	Huggate.	Brandsby.	Wheldrake.	York.	Doncaster.	Ackworth.	Leeds.	Wakefield.	Baildon, near Bradford.	Sheffield.	Settle.	Todmorden.	Kendal.
Jan.	1·66	3·625	3·22	1·82	2·35	3·379	2·46	3·20	3·10	4·60	5·23	7·05	10·804	9·886
Feb.	2·53	1·500	1·14	1·48	·74	·415	1·08	1·00	1·40	2·51	5·63	3·98	6·264	7·907
March	·24	·500	·57	·44	·47	·953	·66		2·00	·74	1·11	·43	0·664	·210
April	1·12	·125	·34	·25	·26	·277	·18	·10	·10	·28	·27	·31	0·320	1·112
May	1·42	1·875	1·95	·78	·87	1·091	·91	·80	·80	·73	1·88	1·39	3·114	4·052
June	3·65	4·000	3·84	2·77	3·46	4·124	3·95	3·50	5·10	4·55	5·23	3·92	6·338	4·984
July	·43	1·250	2·27	2·05	1·77	3·223	2·29	2·30	3·80	1·87	2·27	3·27	4·350	3·448
Aug.	2·97	3·375	3·33	2·82	2·52	2·703	1·84	1·70	2·00	2·42	2·40	3·84	4·926	7·618
Sept.	4·60	6·000	6·89	3·47	4·30	4·853	3·71	3·40	3·80	3·58	5·24	2·42	3·030	2·121
Oct.	4·06	4·375	4·31	2·98	3·80	2·564	3·21	3·70	2·70	4·33	3·72	5·28	6·768	3·668
Nov.	4·34	5·125	6·25	4·33	4·21	4·991	5·82	5·20	5·90	5·53	8·04	8·64	9·082	7·582
Dec.	2·65	2·500	3·53	2·28	2·43	2·876	2·64	3·10	2·80	3·78	4·85	7·98	9·728	12·766
	29·67	34·250	37·64	25·47	27·18	31·449	28·75	28·00	33·50	34·92	45·97	48·51	65·388	65·354
Last VI	19·05	22·625	26·58	17·93	19·03	21·210	19·51	19·40	21·00	21·51	26·52	31·43	37·884	37·203
First VI	10·62	11·625	11·06	7·54	8·15	10·239	9·24	8·60	12·50	13·41	19·45	17·08	27·504	28·151
	8·43	11·000	15·52	10·39	10·88	10·971	10·27	10·80	8·50	8·10	7·07	14·35	10·380	9·052

Professor Phillips, at p. 152, &c., of his recent work on the Rivers, Mountains, &c., of Yorkshire, has given much valuable information regarding this part of the Natural History of our County. We would gladly see an increased interest in these investigations marked by an increase of intelligent observers. The Yorkshire Philosophical Society forms a medium for collecting and arranging such information. An inspection of the foregoing table will rather point out the deficiencies in our knowledge of the distribution of rain than satisfy us that nothing more remains to be done. From the coast north of Scarbro', from the district of Cleveland, from the northern part of the great plain of York, we have no information.

The Statements of Accounts, which follow, will fully explain the condition of the Society's financial arrangements; and the Council have pleasure in referring to the increased receipts, as compared with 1851—at the Gates, at the Swimming Baths, and in some other items, and to the fact that, notwithstanding the admission of new members in 1852 has been considerably

less than in 1851, the total annual expenditure of the Society (ordinary and extra-ordinary) has been less than its income by £54. 4s. 1d. Nor will the satisfaction, which the Meeting must feel at this favorable result, be diminished by closer examination. The buildings are in good repair, the gardens are kept in order and undergoing improvement, and the collections in every department are continually expanding. Let us hope that in future years, the advantages which the Society now offers will be largely augmented, and that the peaceful pursuits which it encourages will become more and more valued in the large circle over which its beneficial action extends, and from which it derives name, influence and support.

THE

TREASURER OF THE YORKSHIRE PHILOSOPHICAL SOCIETY

IN ACCOUNT FOR THE YEAR 1852.

Cr. RECEIPTS.

1852.	£.	s.	d.
Annual Subscriptions and Arrears	506	1	0
Admission of 7 New Members	35	0	0
Composition in lieu of Subscription	25	0	0
Associates	7	0	0
Ladies' Subscriptions.....	38	0	0
Rents	109	7	9
Money received at the Gate.....	187	16	7
Swimming Bath (deducting expenses)	79	10	11
Keys of the Gates	30	5	0
Sale of Guide to Antiquities	22	3	0
Use of Tent	21	0	0
Total Income	£1061	4	3
Permanent Debt:			
Yorkshire Insurance Company £2000 0 0			
Six Members at £50 each 300 0 0			
Balance overdrawn Messrs. Swann, Clough, and Co., Jan. 1853 ..... 89 2 7			
	2389	2	7
	£3450	6	10

Dr. EXPENDITURE.

1852.	£.	s.	d.	£.	s.	d.
Crown Rent	1	0	1			
Rent to Corporation	53	8	0			
Rates and Taxes	11	9	8			
Insurance & Water Rent	11	7	0			
				77	4	9
Salaries and Wages:						
Keeper of the Museum	150	0	0			
Sub-Curator	100	0	0			
Servant	20	0	0			
Lodge Keeper	20	0	0			
Labourers	167	18	0			
Clerk and Collector....	25	0	0			
Attendant, Hospitium	6	0	0			
				488	18	0
Interest on Debt:						
Insurance Company ..	63	2	1			
Bankers	10	8	0			
				73	10	1
Museum, Gardens, &c.:						
Painting and General Repairs	113	6	5			
Purchase and preparation of Specimen	31	0	4			
Meteorological Instruments, Observatory..	8	14	6			
				153	1	3
Library, Books and Binding				30	16	3
Incidental Expenses:						
Printing, Advertising, and Stationery	39	16	9			
Coals and Gas	42	15	0			
Postage, Carriage, and Sundries	41	10	0			
				124	1	9
Extraordinary Expenses:						
House for Victoria Regia Lily....				16	1	4
Publication of Guide to the Antiquities				43	6	9
Total Expenditure				1007	0	2
Permanent Debt:						
Yorkshire Insurance Company.....	1000	0	0			
Six Members at £50 each	300	0	0			
Balance overdrawn Messrs. Swann, Clough, and Co., Dec. 31st, 1852	1143	6	8			
Total Debt of the Society Dec. 31st, 1852.....				2443	6	8
				£3450	6	10

Audited, Jan. 24th, 1853.

J. P. PRITCHETT,
HENRY ROBINSON.

W. GRAY, TREASURER.

MEMBERS

ELECTED SINCE FEB., 1852.

1852.

Thomas Cooper, *York.*
C. W. Strickland, *Malton.*
William Anderson, *York.*
Thomas Camidge, *York.*
John Cressey, *York.*

1853.

John Pearson, Jun., *York.*
Harry Porter, *York.*
Admiral Robt. Mitford, *Hunmanby.*
Rev. Thomas Baily, *York.*

RESOLUTIONS

PASSED AT THE ANNUAL MEETING, FEB. 1ST, 1853.

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1. That the Report of the Council be adopted and printed for the use of the Members.

2. That the Yorkshire Philosophical Society beg to express to His Grace the Duke of Northumberland, the sense which they entertain of the valued service he has rendered to Antiquarian Science, by directing the survey of Watling Street, from Catterick Bridge to the extremity of Northumberland, and to offer their thanks for the presentation of a copy of the finished Work.

3. That the thanks of the Society be presented to Mr. Wellbeloved, for the care and diligence which he has manifested as Curator of Antiquities for many years, and more especially for his Catalogue of British, Saxon, and English Gold and Silver Coins, and of Stycas found in York and near Bolton Percy.

4. That the thanks of the Society be given to the Vice-Presidents, and Members of Council retiring from Office, and to the Secretaries and Curators, for their valuable services.

5. That the Council be empowered to authorize the holding one or more Horticultural Meetings, in the Society's grounds during the present year.

6. That the Council be empowered, on certain days to be selected by them during the present year, to permit free admission to all persons to the Museum and Gardens, the mode of admission to be regulated by the Council.

7. That the Council be empowered to admit Strangers during the present year at the usual rates of payment.

8. That the Council be authorized to admit to the Museum and Gardens, as temporary subscribers, any occasional Visitors to York not residing in the County, at the rate of one pound for four Months for themselves and families, but in no case shall such privilege be granted for a longer period than twelve Months.

COMMUNICATIONS

TO THE

MONTHLY MEETINGS

1852.

JANUARY.—WM. PROCTER, ESQ.—On the Results attained by the Yorkshire Antiquarian Club in the Excavation of Barrows.

MARCH.—JOHN PHILLIPS, ESQ.—On a rare Marine Animal (Priapulus caudatus) taken at Scarboro'.

APRIL.—WM. GRAY, ESQ.—On Sarp Fors, a Waterfall in Norway.

JUNE.—JOHN PHILLIPS, ESQ.—On a large Plesiosaurus (P. Zetlandi) presented to the Museum by Lord Zetland.

OCTOBER.—REV. C. WELLBELOVED.—On a Compotus of the Abbey of St. Mary, York.

NOVEMBER.—I. L. HALL, ESQ.—On the Extent of the Roman Military Station, Eburacum.

HENRY BELCHER, ESQ.—On the Discovery of an Antler of the Red Deer (Cervus elaphus), near Whitby.

DONATIONS TO THE MUSEUM.

GEOLOGY.

Society, British Natural-History	Additional Fossils selected from the Specimens obtained by the Collectors of the Society in the Hampshire Eocene Beds, including various land and fresh-water species from the Isle of Wight, and two entire examples from Barton Cliff, of the great Wing-shell (Rostellaria ampla), &c., &c.
Carroll, J. W., Esq.	Oolite Fossils from Westow and Malton.
Cooke, Anthony, Esq., R.E.	Remains of Holoptychius from the Coal of Gilmerton, near Edinburgh. (See page 8.)
Johnstone, Rev. Charles ...	Fine Piece of Fossil Wood from Boltby, and Ironstone, from Northampton.
Kilby, the Rev. Wm., *(Wakefield)*	Fine Specimen of Plagiostoma gigantea.
Mantell, Dr.	Bones of the Iguanodon from the Wealden of the Isle of Weight. (See page 8.)
Maxwell, W. C., Esq.	Two slabs of New Red Sandstone, with footmarks upon its surface. (See page 8.)
Phillips, John, Esq.	Slab of Red Sandstone, with foot marks upon its surface.
Wood, Edw., Esq.....	Specimens of an undescribed Encrinite on slabs of Mountain Limestone, from the neighbourhood of Richmond. (See page 8.)
Zetland, Earl of	Plesiosaurus (P. Zetlandi) from the Lias of Lofthouse. (See page 7.)

MINERALOGY.

Chambers, C., Esq.	Iserine from the Banks of the Dee.

ZOOLOGY.

Society, British Natural-History	British Marine Shells, including Pleurobranchus plumula from Exmouth, Thracia convexa and Natica solida, dredged on the Irish Coast.
Allis, Thos., Esq.	A Skeleton of the Common Mole.
Dochon, Mr., *(Whitby)* ...	Carefully preserved Specimens of Star-fish, (Ophiocoma rosula).
Ferguson, Thos., Esq., *(Redcar)*	Two Specimens of the Great Pipe Fish (Syngnathus acus,) taken at Redcar.
Gould, John, Esq.....	Specimen of Myochama, a rare Australian genus of Shells.
Leckenby, John, Esq. *(Scarbro')*	Priapulus caudatus, taken alive on the Yorkshire Coast.
Meynell, Thos., Jun., Esq...	Bulwer's Petrel, Gorgonia verrucosa, various Shells from Madeira.
	A British specimen of Buccinum Humphresianum, and the whole of his very choice Collection of British Libellulæ.
Moore, O. A., Esq.	A rare Species of Helix, from South America.
Rudd, F. S., Esq.	Specimens of the Hebridal Smelt, Miller's Top-knot, Anglesea-Morris, Argentine and fifteen-spined Stickle-back, from Redcar.
Vernon, Lady	Specimen of Ornithorhynchus.

ANTIQUITIES.

Airey, M., Esq.....	Impression of the Seal of the Merchant's Company, York, found at Temple Sowerby, Penrith.
Browne, Mr. J.	A Stone from the Priory of Hartlepool, curiously marked by the mason.
Dawney, Hon. Payan	Coin of William and Mary.
Graham, Mr. D.	A Danish Coin.
Plows, Mr.....	Portion of Portcullis of Micklegate Bar.
	An Ancient Font, found in excavating between Fossgate and Hungate at a place designated the "Holy Priest's Well."

Procter, Wm., Esq.	A Bone Ornament and Urns taken from a Barrow at Hutton Cranswick, near Driffield.
Wellbeloved, Rev. C.	A Seal of Kimmeridge Clay or Jet, recently found in the first Water Lane, near the Staith. SIGIL RICARDI DE EBARCVM.
	Several Roman Coins found in York.

GARDEN.

Shipton, Thos., Esq.	A Bag of Refuse—Saltpetre.
Simpson, Thos., Esq., M. D.	A Collection of 70 Stove Plants.
Standish and Noble, Messrs. *(Bagshot)*	A valuable Series of new and rare Plants.
Wood, John, Esq. *(London)*	Fifty Papers of Seeds.

BOTANY.

Hailstone, Edw., Esq., *(Horton Hall, Bradford)* ...	A great number of Botanical specimens.
Meynell, Thos., Jun., Esq.	Cone of Banksia.

MISCELLANEOUS.

Layton, Mr.	A Bust.
Turner, Jno., Esq.....	A curious Carved War Club.
Wade, Mr.....	A curious antique Box which used to contain the Charter, and Writings of the York Merchant Tailors' Company.

LIBRARY.

Association, British, for the Advancement of Science	Report for 1851.
Association, Health of Towns of	Report of the Committee on the Smoke Nuisance.
Society, Royal, of Edinburgh	Transactions of the Society, part 3, vol. 20.

	Proceedings of the Society, Session 1851 and 1852.
	Astronomical Observations, vol. 10, 1844, 5, 6, 7.
Society, Royal, Cornwall Polytechnic	Journal for 1852.
Society, Chemical	Journal for 1852.
Society, Literary and Philosophical, of Manchester...	Memoirs of, second series, vol. 9.
Society of Arts	Lectures delivered before the Society relating to the Great Exhibition.
Society, Leicester Literary and Philosophical	Report, 1852.
Society, Historic, of Lancashire and Cheshire.....	Proceedings and Papers for 1852.
Society, Geological, of London	Quarterly Journal for 1852.
Government, British, by direction of	Magnetic and Meteorological Observations made at Hobarton, Van Diemens Island, vol. 11.
Northumberland, Duke of...	Memoir by Henry Maclauchlan, during a Survey of the Watling Street from the Tees to the Scottish Border, in 1850—51, accompanied by a Map.
Clark, Josh., Esq., *(Cincinnati)*	Cincinnati in 1821, by Chas. Cist.
	Catalogue of the Unios, Alasmodontes and Anodontas of the Ohio River, and its Northern Tributaries, adopted by the Western Academy of Natural Sciences of Cincinnati, 2 copies.
Ellesmere, Earl of.....	Guide to Northern Archæology, by the Royal Society of Northern Antiquaries of Copenhagen; edited for the use of English Readers by the Right Hon. the Earl of Ellesmere.
Hailstone, Edw., Esq.	114 volumes of valuable Books, principally Botanical, including a complete set of the Linnean Transactions, up to 1851.
	Menthæ Britannicæ, by Wm. Sole.
Kenrick, Rev. John	Sharpe's Egypt, under the Romans.
Londesborough, Lord	An Account of the opening of some

	Tumuli in the East Riding of Yorkshire.
	Letter from Thomas Wright, Esq., to Sir H. Ellis, on a leaden Tablet or book Cover, with an Anglo-Saxon Inscription.
Mantell, G. A., Esq. *(The Author)*	Notice of the discovery of a Specimen of Notornis, in the Middle Island of New Zealand.
Mayer, Joseph, Esq.	Thomas Sprott's Chronicle of Profane and Sacred History.
Meynell, Thomas, Jun., Esq.	Tour into Derbyshire and Yorkshire.
	Rickman's Gothic Architecture.
	Playfair's Outlines of Natural Philosophy.
	Dillwyn's Catalogue of Recent Shells.
Chevallier, Professor, *(The Author)*	Ephemeris of the Planet Hygeia, by Mr. Chevallier of the University of Durham.
Phillips, John, Esq.	A series of Publications of Foreign scientific Societies, consisting of 51 parts or vols.
Playfair, Prof. Lyon *(The Author)*	Industrial Instruction on the Continent, being the Introductory Lecture for the Session 1852 and 1853, delivered at the Museum of Practical Geology.
Smith, C. Roach, Esq.	Proceedings of the Society of Antiquaries.
	Report on Excavations made on the site of the Roman Castrum, at Lymne, in Kent, in 1850. By C. R. Smith, F. S. A.
Sorby, Hy. Clifton, Esq. *(The Author)*	On the occurrence of Non-gymnospermous Exogenous Wood, in the Lias, near Bristol.
Wood, Jno., Esq.	Journal of the Horticultural Society of London, 1852.

SERIAL WORKS SUBSCRIBED FOR.

Churton's Monastic Ruins of Yorkshire, fol., (6 parts published).

Bell's British Crustacea, (8 parts published).

Birds of Asia, folio, by John Gould, Esq., (4 parts published).

Doubleday and Hewitson's Genera of Diurnal Lepidoptera, fol., col. plates, 54 parts published, completing the work.

Fauna Antiqua Sivalensis, or Geology of the Sewalik Hills in the North of India, by Dr. Falconer and Major Cautley. (Part 1 to 9 of Illustrations, large folio, and part 1 of Letterpress, 8vo.)

Forbes and Hanley's British Mollusca, 8vo. col. plates, (49 parts published).

Illustrated Proceedings of the Zoological Society, for 1848 and 9.

Publications of the Ray Society, (1852): A Monograph on the sub-class Cirripedia, with figures of all the Species, by Charles Darwin, F. R. S., &c. Bibliographia Zoologiæ et Geologiæ, by Agassiz and Strickland, vol. 3.

Publications of the Palæontographical Society, for 1852. Fossil Corals of Great Britain, part 3. Fossil Brachiopoda do., Tertiary and Cretaceous Species. Fossil Shells of the London Clay, part 2. Fossil Radiaria of the Crag and London Clay Formations.

Reliquiæ Antiquæ Eboracenses, by Wm. Bowman, (3 parts published).

Scientific Memoirs, edited by Richard Taylor, F. S. A., (20 parts published).

Sowerby's Thesaurus Conchyliorum, 8vo. col. plates, (13 parts published).

Waterhouse's Natural History of Mammalia, 8vo., col. plates, (2 vols. published).

PERIODICALS.

London and Edinburgh Philosophical Magazine, monthly.

Annals and Magazine of Natural History, monthly.

The Phytologist, monthly.

London Geological Journal, (3 parts published).

H. SOTHERAN, BOOKSELLER, CONEYSTREET, YORK.

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2